

Fig. 1

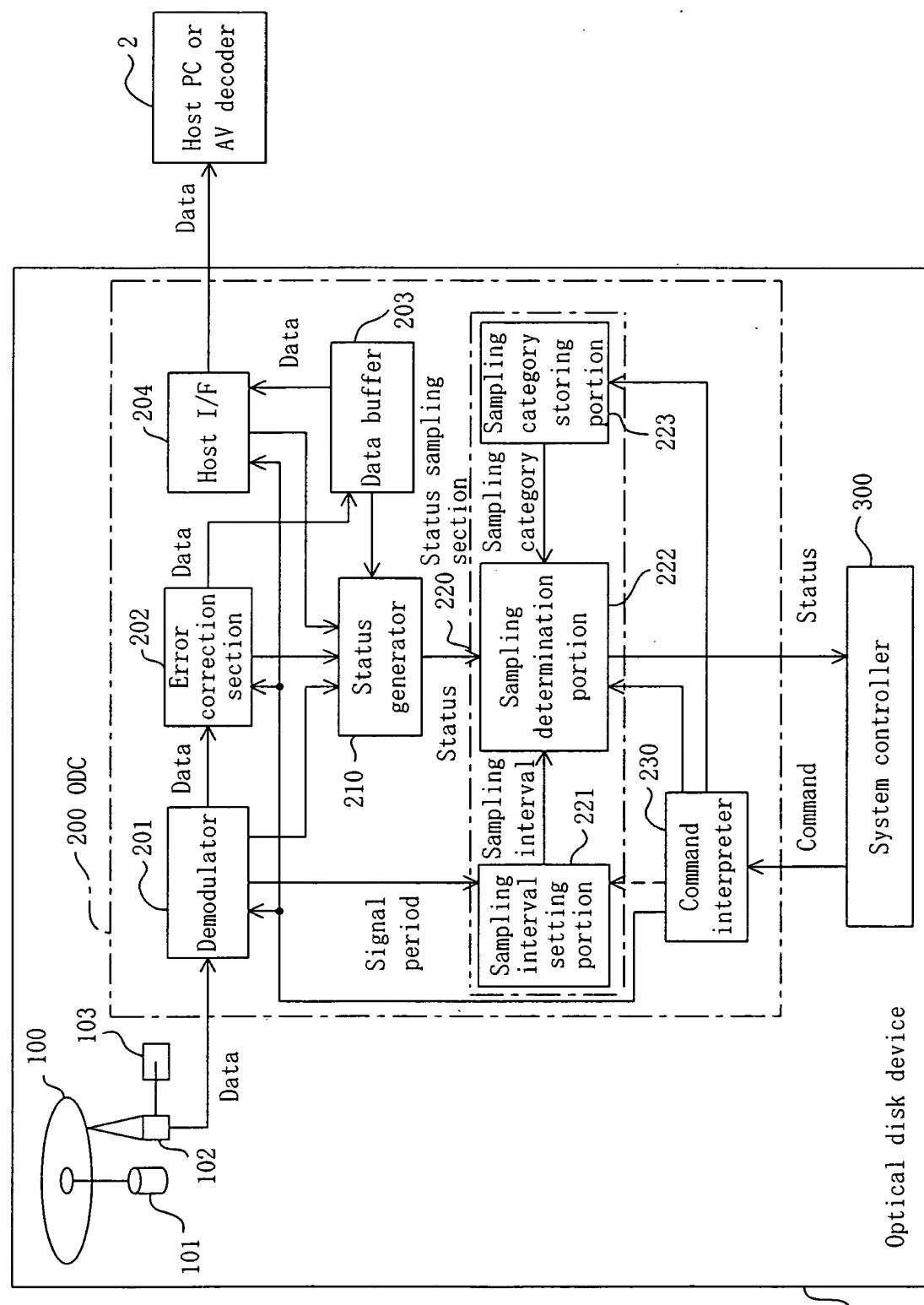


Fig. 2

Command	Auxiliary information
READ	Sector to be read, Buffer page, Error upper limit, Execution stop condition, Correction condition
TRANSFER TO HOST	Buffer page, Sector ID
SAMPLING DESIGNATION	Start/end
SAMPLING STATUS DESIGNATION	Factor, "Sampling abort" or "Forced sampling"
ODC OPERATION MODE	For audio/video reproduction or for data read/write

Fig. 3a

For audio/video reproduction (DVD players, CD players)

Information category	Factor	Auxiliary information
Continued	Normal	
	Data category changed	Sector to be read, Category information
	Sector discontinued	
	Error rate increased	
	Correction not permitted	Sector to be read, Buffer page
Aborted due to error	Buffer full	Sector to be read, Buffer page
	Sector undetected	
Normally ended		

Fig. 3b

For data read/write (DVD-ROM drives, CD-ROM drives)

Information category	Factor	Auxiliary information
Continued	Normal	
	Data category changed	Sector to be read, Category information
	Sector discontinued	
	Error rate increased	
	Correction not permitted	Sector to be read, Buffer page
Aborted due to error	Buffer full	Sector to be read, Buffer page
	Sector undetected	
Normally ended		

Fig. 4

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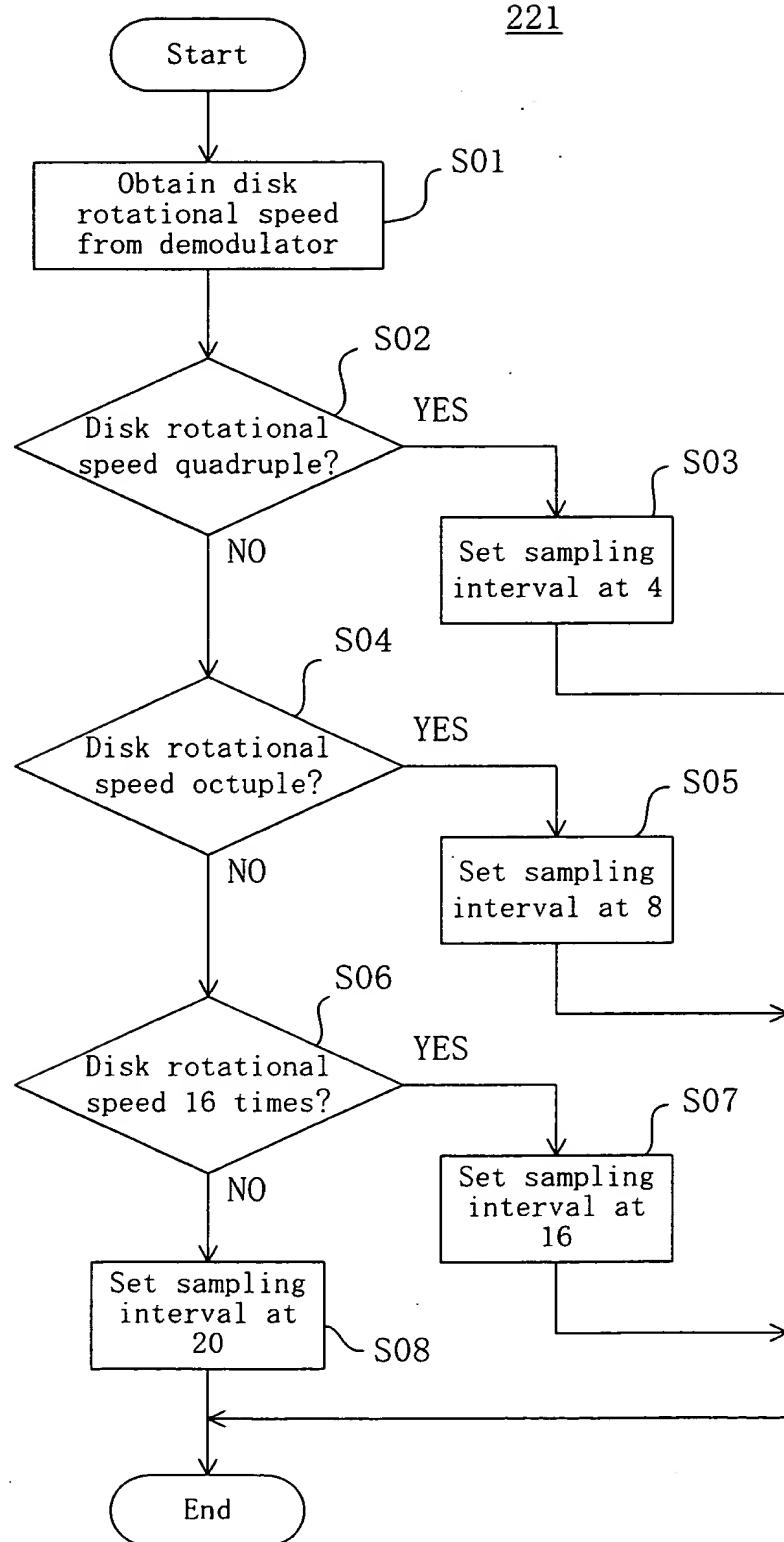


Fig. 5

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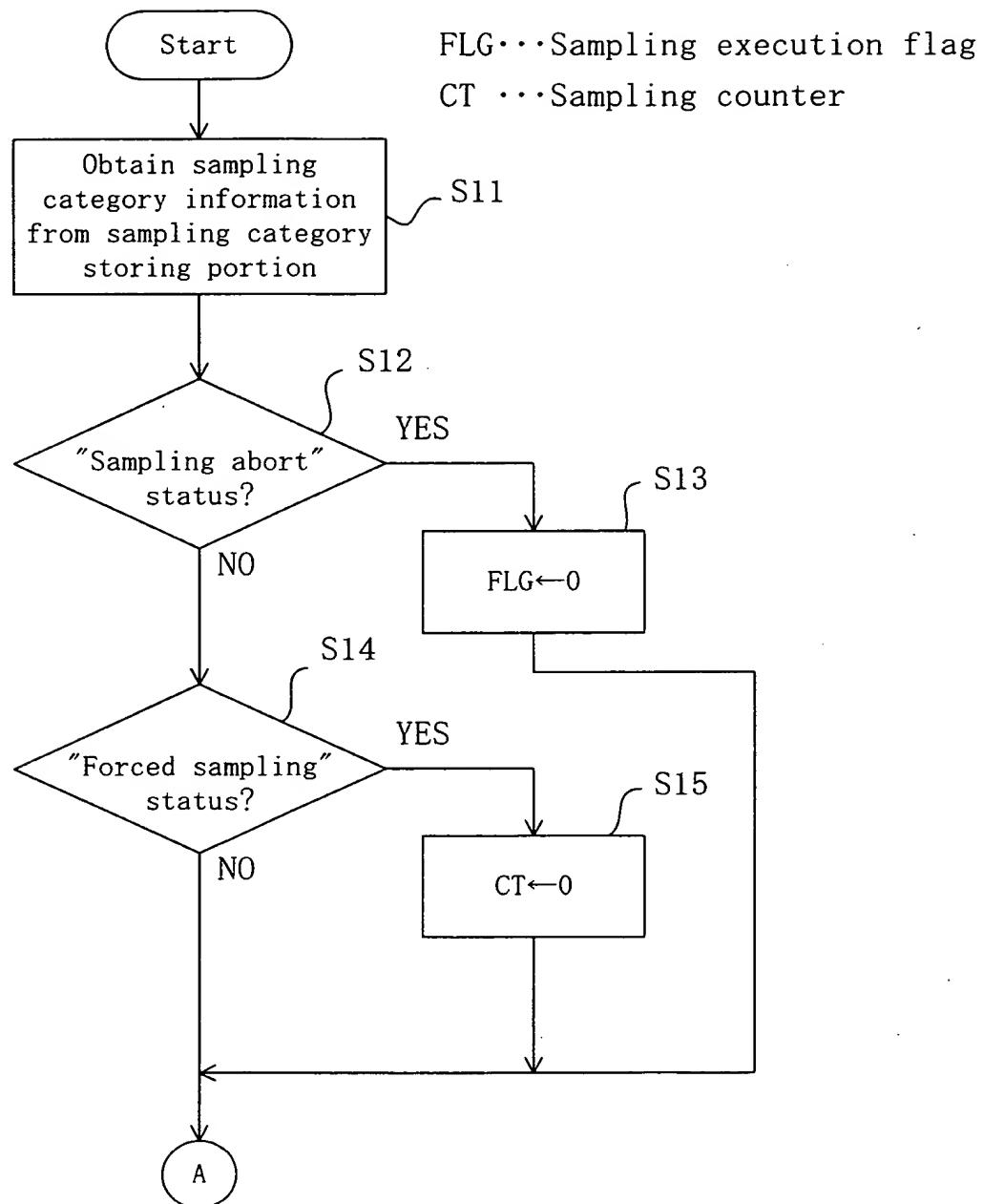
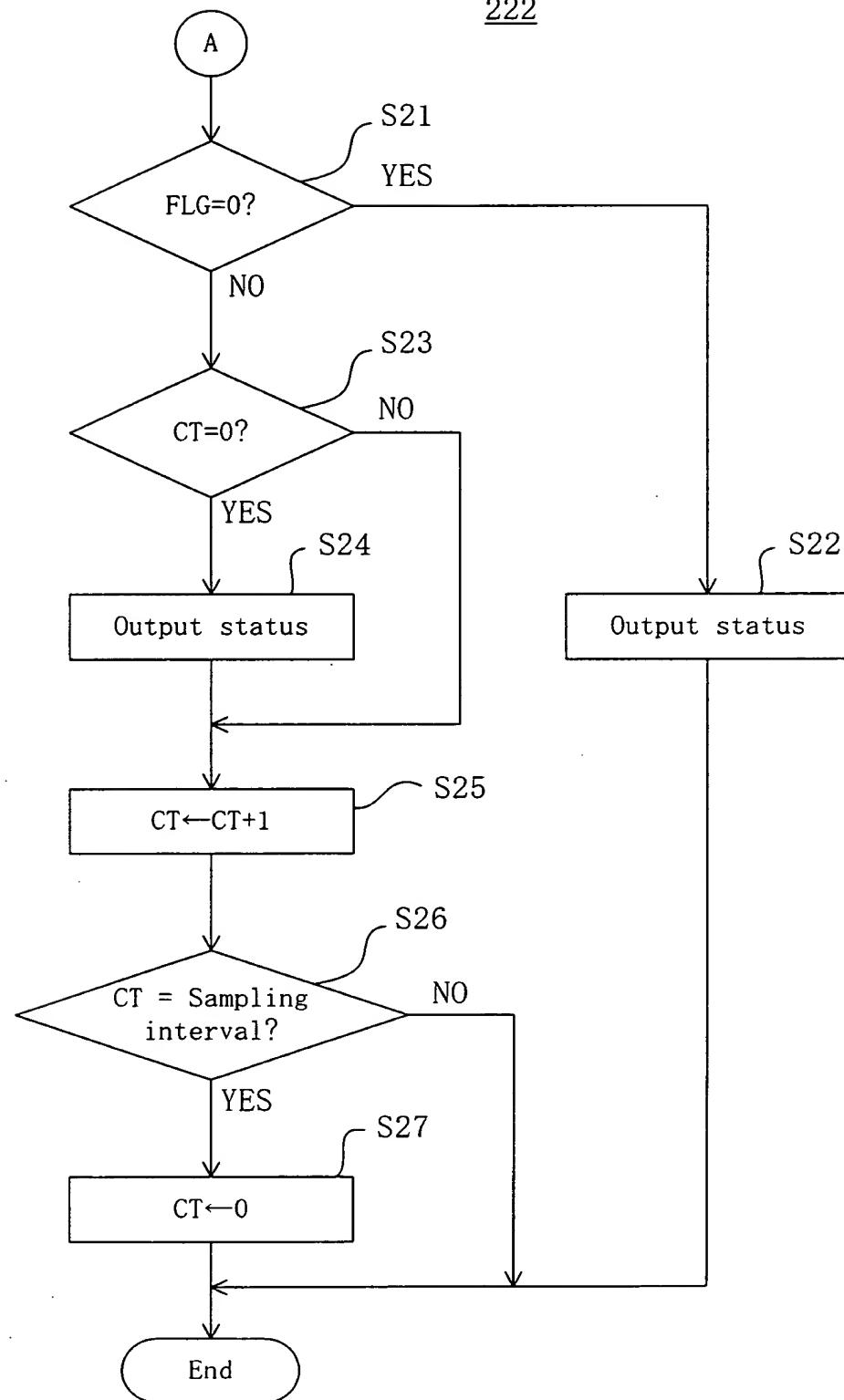


Fig. 6

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00000000000000000000000000000000

Fig. 7

Sector	Factor
7 5 0	Normal
7 5 1	Normal
7 5 2	Data category changed
7 5 3	Normal
7 5 4	Normal
7 5 6	Sector discontinued
7 5 7	Normal
7 5 8	Normal

Fig. 8

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Factor	Designated sampling operation
Sector discontinued	Sampling abort
Error rate increased	Sampling target
Correction not permitted	Sampling target
Data category changed	Forced sampling
Others	Sampling target

□ 59 33 13 10 10

Fig. 9

Information category	Factor	Auxiliary information	
Continued	Normal	7 5 0	1 0
Continued	Data category changed	7 5 2	1 2
Continued	Sector discontinued	7 5 6	1 5
Continued	Normal	7 5 7	1 6
Normally ended	Normal	7 5 8	1 7

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Fig. 10
PRIOR ART

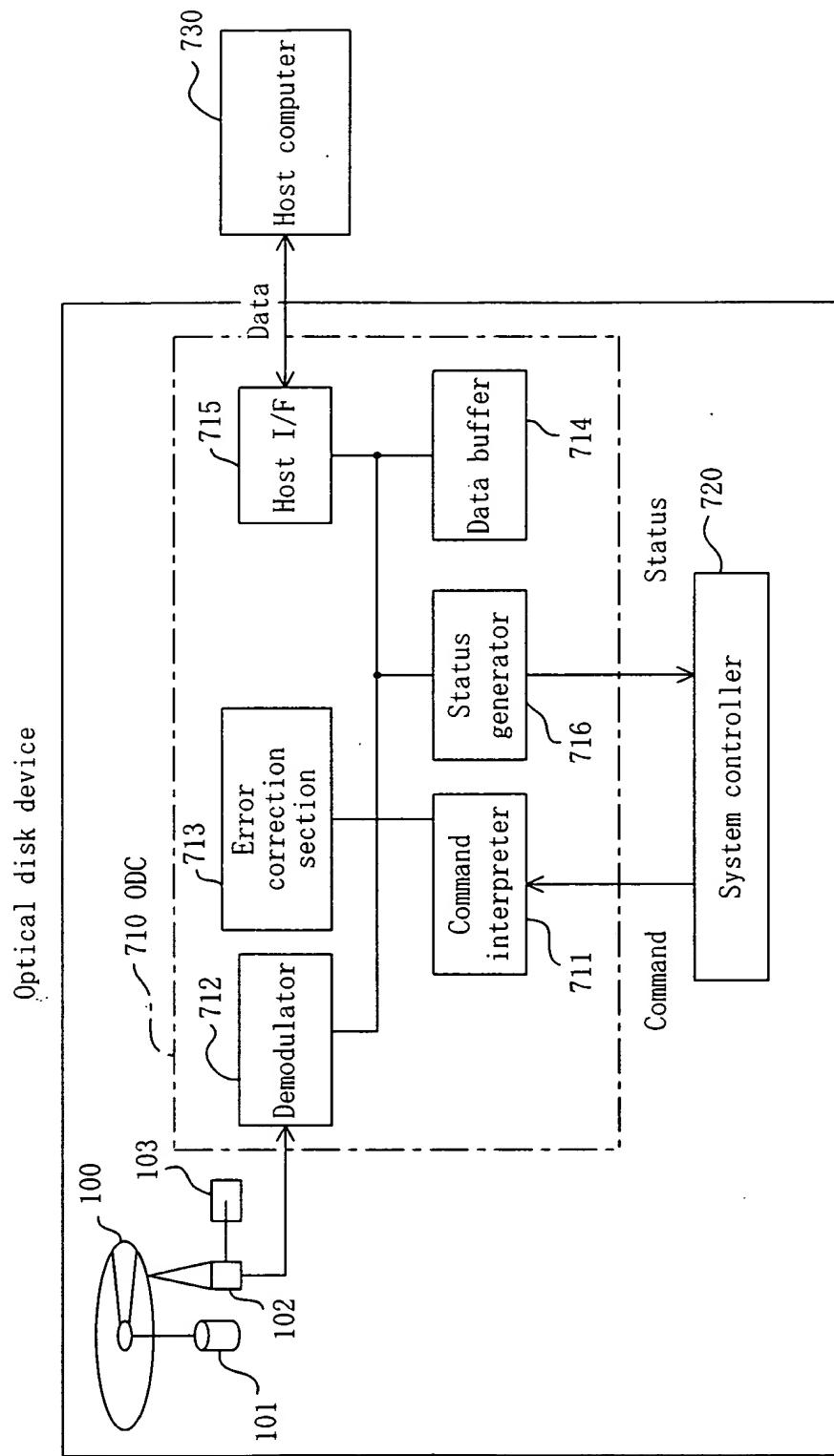


Fig. 11
PRIOR ART

Information category	Factor	Auxiliary information	
		<Sector ID>	<Buffer page>
Continued	Normal	7 5 0	1 0
Continued	Normal	7 5 1	1 1
Continued	Data category changed	7 5 2	1 2
Continued	Normal	7 5 3	1 3
Continued	Normal	7 5 4	1 4
Continued	Sector discontinued	7 5 6	1 5
Continued	Normal	7 5 7	1 6
Normally ended	Normal	7 5 8	1 7